## IN THE CLAIMS:

This listing of the claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) An intelligent trolley module for use in an assist system, comprising:

a plurality of wheels on the intelligent trolley module and configured to move the trolley module along a track;

an actuator <u>on the intelligent trolley module</u> for driving at least one of the wheels in a horizontal direction;

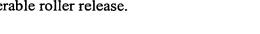
a computational node <u>on the intelligent trolley module for</u> controlling <del>actuation of the motor driving the wheels of the trolley the actuator;</del> and

a communication interface on the intelligent trolley module for providing input/output communication with between the intelligent trolley module and other intelligent modules.

- 2. (Currently Amended) The intelligent trolley of claim 1 further wherein the actuator comprises a gearing.
- 3. (Currently Amended) The intelligent trolley of claim 1 further wherein the actuator comprises a motor.
- 4. (Currently Amended) The intelligent trolley of claim 1 further wherein the computational node implements a virtual limit controlling motion of the trolley.

Claim 5 (Canceled).

- 6. (Original) The intelligent trolley of claim 1 further comprising a roller.
- 7. (Original) The intelligent trolley of claim 1 further comprising a manually operable roller release.



- 8. (Original) The intelligent trolley of claim 1 further comprising an automatic roller release.
- 9. (Original) The intelligent trolley of claim 1 further comprising a position indicator for indexing motion of the device.
- 10. (Currently Amended) The intelligent trolley of claim 9 where wherein the position indicator comprises a hall switch.
- 11. (Currently Amended) The intelligent trolley of claim 1 furtherutilizing wherein the computational node uses odometry for monitoring the motion of the trolley.
- 12. (Currently Amended) An intelligent lift module for use in an assist device, comprising:

an actuator on the intelligent lift module;

- a support moving connected to the actuator and configured to move a payload in a substantially vertical direction;
- a computational node on the intelligent lift module in communication with the actuator for controlling movement of the payload; and
- a communication interface on the intelligent lift module for providing input/output communication with between the intelligent lift module and other modules.
- 13. (Currently Amended) The intelligent lift module of claim 12 where wherein the support comprises a cable.
- 14. (Currently Amended) The intelligent lift module of claim 12 where wherein the cable is raised and lowered by a reel.
- 15. (Currently Amended) The intelligent lift module of claim 14 where wherein the reel comprises a translating reel.
- 16. (Currently Amended) The intelligent lift module of claim 15 where wherein the reel comprises a slidable translating reel.



- 17. (Currently Amended) The intelligent lift module of claim 15 where wherein the reel further comprises a cam follower.
- 18. (Original) The intelligent lift module of claim 12 further comprising a replaceable guide unit containing a cam follower.
- 19. (Original) The intelligent lift module of claim 12 further comprising a position indicator.
- 20. (Original) The intelligent lift module of claim 18 further comprising a hall switch.
- 21. (Original) The intelligent lift module of claim 18 further comprising a motor encoder.
- 22. (Currently Amended) The intelligent lift module of claim 18 wherein the reel is indexed comprising comprises a plurality of hall switches indexing configured to index multiple rotations of the reel.
- 23. (Currently Amended) The intelligent lift module of claim 12 <u>further</u> comprising a virtual limit to the lift.
  - 24. (Currently Amended) An input device for use in an assist system, comprising: a handle for gripping; and at least one proportional control;

wherein the input device is in communication with a multi-function hub, wherein the proportional control when pressed moved provides a proportional output signal to the multi-functional multi-function hub, and wherein the multi-function hub passes the output signal to the assist system.

25. (Original) The input device of claim 24 wherein the input device comprises a pendant.

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26. (Currently Amended) The input device of claim 24, wherein the proportional control provides for output signal comprises one of an up or down signal to lift a payload up and a down signal to lower the payload down or down respectively.



- 27. (Currently Amended) The input device of claim 24, wherein the proportional button control comprises a shaft to rotate a magnet in the vicinity of a hall effect sensor to create the proportional signal output signal.
- 28. (Currently Amended) The input device of claim 24, further comprising a plurality of eonventional buttons that can configured to be assigned specific functions.
- 29. (Original) The input device of claim 28 wherein the specific functions comprise stop and reset.